

WFC petition

Contributed by Nathaniel Herz

Table 1. Escapement goals and escapements for the most recent years available for 12 representative southeast Alaska Chinook populations. Data from ADF&G sources. Red fill indicates spawning escapements below the escapement goal lower limit. 'BEG': biological escapement goal; 'SEG': sustainable escapement goal. Escapements for the Karluk River for 2019 to 2021 estimated from Figure 10.

Stream	BEG Esc. Goal	2014	2015	2016	2017	2018	2019	2020	2021
Chickamin River	2,150-4,300	3,097	2,760	964	722	2,052	1,610	2,280	2,404
Umuk River	1,800-3,800	1,691	2,623	1,463	1,203	1,971	3,115	1,135	2,666
Stikine River	14,000-28,000	24,374	21,597	10,554	7,335	8,603	13,817	9,753	8,376
Andrew Creek	650-1,500	1,261	796	402	349	482	698	470	530
King Salmon River	120-240	68	50	149	85	30	27	100	134
Taku River	19,000-36,000	23,532	23,567	9,177	8,214	7,271	11,558	15,593	11,341
Chilkat River	1,750-3,500	1,529	2,452	1,380	1,173	873	2,028	3,180	2,038
Alsek River	3,500-5,300	3,857	5,697	2,512	1,741	4,348	6,319	5,286	5,616
Situk River	450-1,050	475	194	329	1,187	420	623	1,197	1,064
Chignik River	1,300-2,700	2,816	1,945	1,743	1,837	725	1,417	1,178	1,072
Karluk River	3,000-6,000	1,182	2,777	3,434	2,600	3,155	~4000	~2900	~2800
Alexander Cr	2,100-6,000 (SEG)	911	1,117	754	170	296	NA	596	288
Theodore R.	500-1,700 (SEG)	312	426	68	21	18	NA	111	38

FIGURES

FIGURES (Figures numbers 2, 3, 5, and 7 - 9 from Heint et al. 2021. Review of salmon escapement goals in southeast Alaska, 2020. ADF&G NM 21-03; figures 1, 4, 6, and 10 from ADF&G's Chinook Research Project web page;

<https://www.adfg.alaska.gov/index.cfm?adfg=chinookinitiative.main>).